

Title (en)

TURBOMACHINE WITH CLAMP COUPLING SHAFT AND ROTOR HUB TOGETHER

Title (de)

TURBOMASCHINE MIT EINER KLEMMKUPPLUNGSWELLE UND EINER ROTORNABE

Title (fr)

TURBOMACHINE AVEC MANCHON ACCOUPlant UN ARBRE ET UN MOYEU DE ROTOR

Publication

**EP 2938825 A4 20160120 (EN)**

Application

**EP 13878483 A 20131220**

Priority

- US 201213726946 A 20121226
- US 2013076812 W 20131220

Abstract (en)

[origin: US2014178196A1] A turbomachine includes a rotor hub that has a central opening there through. A shaft extends through the central opening. A clamp is coupled with the shaft and the rotor hub such that the rotor hub is rotatable with the shaft.

IPC 8 full level

**F01D 5/02** (2006.01); **F01D 5/06** (2006.01); **F01D 5/28** (2006.01); **F01D 5/34** (2006.01); **F01D 25/28** (2006.01)

CPC (source: EP US)

**F01D 5/025** (2013.01 - EP US); **F01D 5/066** (2013.01 - EP US); **F01D 5/284** (2013.01 - EP US); **F01D 5/34** (2013.01 - EP US); **F05D 2260/37** (2013.01 - EP US); **F05D 2300/175** (2013.01 - EP US)

Citation (search report)

- [XY] US 2007237646 A1 20071011 - SHI JUN [US], et al
- [XY] US 4011737 A 19770315 - KRUGER WOLFGANG, et al
- [XY] US 6250883 B1 20010626 - ROBINSON DANIEL JOE [US], et al
- [XY] US 6431781 B1 20020813 - SCHENK BJOERN [US]
- See references of WO 2014143319A2

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**US 2014178196 A1 20140626**; **US 9410428 B2 20160809**; EP 2938825 A2 20151104; EP 2938825 A4 20160120; EP 2938825 B1 20200429; WO 2014143319 A2 20140918; WO 2014143319 A3 20141211

DOCDB simple family (application)

**US 201213726946 A 20121226**; EP 13878483 A 20131220; US 2013076812 W 20131220